

**UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS**

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16 February 2004
File No. 28882-404



South Coast Air Quality Management District
21865 East Copley Drive
Diamond Drive, California 91765-4182

Attention: Mr. Ranjit Vishwanath
Staff Specialist, Engineering and Compliance Office

Subject: Rule 1166 Soil Excavation Monitoring
Boeing Realty Corporation, Former C-6 Facility
19503 Normandie Avenue
Los Angeles, California


Ladies and Gentlemen:

Haley & Aldrich Inc. (Haley & Aldrich) is submitting this letter on behalf of the Boeing Realty Corporation (BRC) to the South Coast Air Quality Control District (SCAQMD) as required by the SCAQMD to close Notification Form reference number 65882, dated 13 January 2004. This notification was submitted to the SCAQMD for the excavation of up to 1,500 cubic yards of soil at the BRC's Former C-6 Facility, located in Los Angeles, California (Site). Excavation work was performed by Innovative Construction Solutions (ICS) under a one-year Various Locations Rule 1166 Contaminated Soil Mitigation Plan (Plan No. 420450) issued to ICS by the SCAQMD on 10 October 2003.

Excavation work was performed on 19, 20, 21, 27 and 28 January 2004. SCAQMD-required Rule 1166 monitoring was performed using a photo-ionization detector (PID) during Site excavation activities. No detections of VOCs were observed during field monitoring. Copies of the Rule 1166 field monitoring logs are attached for your reference.

If you have any questions, please do not hesitate to call us at 619.280.9210 or Mr. Bill Pearce of Boeing at 562.593.3903.

Sincerely yours,
HALEY & ALDRICH, INC.


Brooks W. Pauly, P.E.
Project Engineer


Scott P. Zachary
Project Manager

Enclosure: SCAQMD Rule 1166 Monitoring Logs

cc: Bob Scott - Boeing Realty
B. Pearce - The Boeing Company

G:\Projects\ENVIRONMENTAL\28882_C6ProjectMgmt\403 Parcel A Arsenic Excavation\FNL Parcel A Rule 1166 30 day report.doc

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Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information	
	Name: Former C-6 Facility, Parcel A	
	Address: 19503 S. Normandie Ave, Los Angeles, CA	
Reference No(s):	2 8881-403	City: Los Angeles Zip: 90501

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)
Brand: RAE	Gas: Hexane 101	Name: Terry Hammond	Total Cubic Yds (This page)
Model: RAE RAE 101	Date: 1/19/04	Company: HALEY & ALBRECHT	Total Cubic Yds (To date)
Type: PID	By: TSH	Phone: 619-280-9210	Removed from Site (To date)

Calculation ->

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV) @ Excavated Load			Comment
	Every 15 min.	Reading	Hexane Factor			Every 15 min.	Reading	Hexane Factor	
7:30	0.0	1			10:30	0.0	1		
7:45	0.0	1			10:45	0.0	1		
8:00	0.0	1			11:00	0.0	1		
8:15	0.0	1			11:15	0.0	1		
8:30	0.0	1			11:30	0.0	1		
8:45	0.0	1			11:30-12 LUNCH				
9:00	0.0	1			12:00	0.0	1		
9:15	0.0	1			12:15	0.0	1		
9:30	0.0	1			12:30	0.0	1		
9:45	0.0	1			12:45	0.1	1		
10:00	0.0	1			13:00	0.0	1		
10:15	0.0	1			13:15	0.0	1		

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE:

[Signature]

DATE:

1/19/04

RAE 101

Test - 100 Survey 100

100 - 100 - 8672

100 - 100 - 8672

480 - 209 - 2192

480 - 209 - 2192

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information Name: Former C-6 Facility, Parcel A Address: 19503 S. Normandie Ave, Los Angeles, CA City: Los Angeles Zip: 90501
Reference No(s): 28882 - 403	

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)
Brand: RAE SYSTEMS Model: MONITRAE PLUS COMPACT Type: PID	Gas: HEXANE 101 Date: 1/19/04 By: T. HAMMOND	Name: TRAVIS HAMMOND Company: HALEY & ALDRICH Phone: 617-280-9210	Total Cubic Yds (This page) Total Cubic Yds (To date) Removed from Site (To date)

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV) @ Excavated Load			Comment
	Every 15 min.	Reading	Hexane Factor			Every 15 min.	Reading	Hexane Factor	
13:30	0.0	1			16:30	0.0	1		
13:45	0.0	1							
14:00	0.0	1							
14:15	0.0	1							
14:30	0.0	1							
14:45	0.0	1							
15:00	0.0	1							
15:15	0.0	1							
15:30	0.0	1							
15:45	0.0	1							
16:00	0.1	1							
16:15	0.0	1							

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SIGNATURE: [Signature]

DATE: 1/19/04

END OF DAY PID CAL CHECK w/ 101 HEX → 92.3 ppm = OK

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information	
	Name: Former C-6 Facility, Parcel A	
	Address: 19503 S. Normandie Ave, Los Angeles, CA	
Reference No(s): 28882 - 403	City: Los Angeles	Zip: 90501

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)
Brand: MURKAE P	Gas: HEX 101	Name: TRAVIS HAMMOND	Total Cubic Yds (This page)
Model: PLOS CLASSIC	Date: 1/20/04	Company: HALEY & ALDRICH	Total Cubic Yds (To date)
Type: PID	By: T. HAMMOND	Phone: 619-280-9210	Removed from Site (To date)

SW 103917

CAL CHECK → 100

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV) @ Excavated Load			Comment
	Every 15 min.	Reading	Hexane Factor			Every 15 min.	Reading	Hexane Factor	
7:00		0.0	1						
7:15		0.1	1						
7:30		0.1	1						
7:45		0.1	1						
8:00		0.1	1						
8:15		0.1	1						
8:30		0.1	1						
8:40		0.1	1						
8:40 - 11:20				NO EXCAVATION					
11:20		0.1	1						
11:45		0.1	1						

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SIGNATURE: Travis Hammond

DATE: 1/21/04

HALEY & ALDRICH

For Los Angeles

S. ALDRICH

Rule 1166 Soil Monitoring Records

CO ID: 133607	Facility/Site Information	
The Boeing Company	Name: Former C-6 Facility, Parcel A	
	Address: 19503 S. Normandie Ave, Los Angeles, CA	
Reference No(s): 2888Z - 403	City: Los Angeles	Zip: 90501

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)	
Brand: MINIKAE	Size: HEAVY 101	Name: TRAVIS HAMMOND	Total Cubic Yds (This page)	
Model: AUS CLASSIC	Date: 1/21/04	Company: HALEY & ALDRICH	Total Cubic Yds (To date)	
Type: F10	By: T. HAMMOND	Phone: 619-280-9210	Removed from Site (To date)	

[illegible]

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SIGNATURE *[Signature]*

DATE: 1/21/04

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information Name: Former C-6 Facility, Parcel A
Reference No(s): 2888Z - 403	Address: 19503 S. Normandie Ave, Los Angeles, CA City: Los Angeles Zip: 90501

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)
Brand: PAF	Gas: HX 101	Name: TERRY HARRISON	Total Cubic Yds (This page)
Model: PAF 101	Date: 1/27/04	Company: HARRY E. HARRISON	Total Cubic Yds (To date)
Type: PID	By: TSH	Phone: 615-280-9710	Removed from Site (To date)

VOC Concentration (PPMV) @ Excavated Load				Comment	VOC Concentration (PPMV) @ Excavated Load				Comment
Time	Reading	Hexane Factor	Adjusted Reading		Time	Reading	Hexane Factor	Adjusted Reading	
7:30	0.1	1	0.1						
7:45	0.1	1	0.1						
8:00	0.1	1	0.1						
8:15	0.1	1	0.1						
8:30	0.1	1	0.1						
8:45	0.1	1	0.1						
9:00	0.1	1	0.1						
9:15	0.1	1	0.1						
9:30	0.1	1	0.1						
9:45	0.1	1	0.1						

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SIGNATURE: _____

DATE: _____

27
1/27/04
TSH

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information Name: Former C-6 Facility, Parcel A
Reference No(s)	Address: 19503 S. Normandie Ave, Los Angeles, CA City: Los Angeles Zip: 90501

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)	
Brand: RAE SYSTEMS	Gas: HEX 101	Name: TRAVIS HAMMOND	Total Cubic Yds. (This page)	
Model: MINI-MINE + CUBIC	Date: 1/20/04	Company: HALEY & ALDRICH	Total Cubic Yds. (To date)	
Type: PID	By: TSH	Phone: 619-280-9210	Removed from Site (To date)	

[illegible]

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SIGNATURE: [Signature]

DATE 1/29/04